

ABSTRACT:

The invention disclosed provides a system that includes simulation software to enable a local server to appear to a client computer as a communication service provider and a server remote from the client computer to appear to the communication service provider as the client computer. The invention further provides a method implemented through disclosed software by which multiple packets from a single sending application are accumulated so that a single connection can be established for transmission. A single connection is established for transmitting the message. A further aspect of the invention determines the priority of the message and designates higher priority control messages to be transmitted on a reserved high priority channel.